

Case Study ID

00-0022



ENERGY OFFICE

# Case Study Series

## Alpena General Hospital Energy Efficiency Project

Alpena General Hospital is a county-owned, non-profit regional referral hospital with 147 inpatient beds. It provides a full range of inpatient, outpatient, home, and primary care services covering a complete continuum of care for the 100,000 people who reside in the six county region it serves. Alpena General Hospital received a \$5,000 Community Energy Project Grant in October 2000. The project was to replace 132 incandescent and fluorescent Exit signs with LED (light emitting diodes) fixtures that reduce energy use, require less maintenance, and have a longer life expectancy for an annual savings of \$2,147.

As part of the project, Alpena General Hospital conducted a variety of education activities. An article was published in the hospital's newsletter. A news release was submitted to the local media. References to the Exit signs were incorporated into the narrative for hospital tours. Plant Operations Director Steve Tongue gave a presentation to the Michigan Society of Healthcare Engineers. A poster describing the project was displayed in the lobby and the project was posted on the kiosk in the main lobby.

The Exit sign upgrade was the fourth energy efficiency project that Alpena General Hospital has done in the past 2 years. A fluorescent lighting upgrade replacing 3,300 fluorescent fixtures with energy efficient electronic ballasts and lamps resulted in a savings of \$39,000 per year. Reprogramming the timing for shutting off air handlers that are not occupied 24 hours per day resulted in a reduction in electric usage for an annual savings of \$5,261. Occupancy sensors have been installed in the new Cancer Center to provide control of lighting and temperature during unoccupied hours.

*For further information pertaining to this particular Energy Project contact:*

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*Feel free to contact us if you have any ideas for case studies or other questions :*

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